

## CLAIMS

1. A particle movement-type display apparatus,  
comprising:  
a pixel portion,  
5 a peripheral area around the pixel portion,  
and  
particles,  
wherein at least a part of the peripheral area  
around the pixel portion is provided with a recess  
10 portion capable of accommodating a part of the  
particles therein.
2. An apparatus according to Claim 1, wherein the  
recess portion has a depth which is not less than a  
15 diameter of the particles.
3. An apparatus according to Claim 1, wherein the  
peripheral area comprises a periphery of a display  
portion comprising a plurality of pixel portions and a  
20 partition wall for partitioning the pixel portions.
4. An apparatus according to Claim 1, wherein the  
peripheral area comprises a partition wall for  
partitioning the plurality of pixel portions.  
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5. A particle movement-type display apparatus,  
comprising:

a first substrate and a second substrate,  
a partition wall disposed between the first  
and second substrates,  
particles disposed at a pixel portion defined  
5 by the first substrate, the second substrate and the  
partition wall, and  
an electrode for moving the particles,  
wherein the apparatus further comprises a  
structure, which has a projection portion having a  
10 height substantially equal to a height of the  
partition wall and a recess portion in which a part of  
the particles are capable of being accommodated,  
disposed at at least a part of a peripheral area  
around a display portion comprising the plurality of  
15 pixel portions.

6. An apparatus according to Claim 5, wherein the  
projection portion has a mesh shape, a linear or  
curved line shape, a dot shape, a shape closely  
20 surrounding the display portion, a double cross shape,  
a cross shape, a honeycomb shape, or a combination of  
these shapes.

7. An apparatus according to Claim 5, wherein the  
25 projection portion has a line width, which is not more  
than ten times a diameter of the particles, at an  
upper surface thereof.